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(54) TRANSFUSION SOLUTION OF OLIGOPEPTIDE

(57)Abstract:

PURPOSE: The titled transfusion solution useful as a nutrition supplying agent, capable of being subjected to intravenous infusion in high concentration, containing a mixture of a water-soluble oligopeptide of relatively high polymer as an essential constituent component.

CONSTITUTION: The titled transfusion solution comprising a mixture of a water-soluble oligopeptide having 500W5,000 molecular weight as an essential constituent component. Existing transfusion solution of amino acid mixture, di- or tripeptide has limitation of an amount of protein to be subjected to intravenous infusion in intravenous infusion because of high osmotic pressure. The mixture of a water-soluble oligopeptide having =5,000 molecular weight, containing peptide of relatively high polymer of = tripeptide, can provide organisms with a large amount of protein as nutrients while keeping osmotic pressure of transfusion solution at relatively low pressure. The mixture of oligopeptide, for example, is obtained by enzymatically decomposing soybean protein, subjecting the hydrolyzate to molecular-weight fractionation and providing the mixture of the oligopeptide having the molecular weight and economically inexpensive oligopeptides are usable.

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